

ABSTRACT OF THE DISCLOSURE

An infrared die oven has a die cradle for holding a die. A thermocouple is positioned within the die cradle to maintain it in direct contact with the die. A controller connected to the thermocouple continually reads the temperature of the die. When the die reaches a threshold temperature, the intensity of an infrared heating elements in the oven is

5 reduced. When the die reaches the desired temperature, the controller continuously adjusts the intensity of the heater to maintain the die at the desired temperature.

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